


MAR 18 2003  
 sig: (+) inside this box → 

+

RECEIVED  
MAR 20 2003  
Technology Center 2100

Quoc A

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

+



Please type a plus sign (+) inside this box → +

+

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	09/599,813
				Filing Date	Jun 21, 2000
				First Named Inventor	Ardeleanu
				Group Art Unit	
				Examiner Name	
Sheet	1	of	3	Attorney Docket Number	MS1-583US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines; Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
↓	↓	6,199,204		Donohue	03-06-2001	
		6,253,366		Mutschler, III	06-26-2001	
		6,327,628		Anuff et al.	12-04-2001	
		6,381,743		Mutschler, III	04-30-2002	
		5,940,075		Mutschler, III et al.	08-17-1999	
		6,151,624		Teare et al.	11-21-2000	
		6,353,926		Parthesarathy et al.	03-05-2002	
		6,393,456		Ambler et al.	05-21-2002	
		6,408,311		Baisley et al.	06-18-2002	
		6,446,110		Lection et al.	09-03-2002	
		6,519,617		Wanderski et al.	02-11-2003	
		5,864,819		De Armas et al.	01-26-1999	
		5,572,648		Bibayan	11-05-1996	
		6,297,819		Furst	10-02-2001	
		5,907,704		Gudmundson et al.	05-25-1999	
		6,091,417		Lefkowitz	07-18-2000	
		6,396,488		Simmons et al.	05-28-2002	
		5,764,985		Smale	06-09-1998	
		6,421,656		Cheng et al.	07-16-2002	
		6,349,408		Smith	02-19-2002	

RECEIVED

MAY 08 2003

Technology Center 2100

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
101	—	—	0 961 197	—	EP	01-12-1999	—	—

Examiner Signature		Date Considered	1/28/04
-----------------------	--	--------------------	---------

\*EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+



<b>Application Number</b>	09/599,813
<b>Filing Date</b>	Jun 21, 2000
<b>First Named Inventor</b>	Ardeleanu
Group Art Unit	
Examiner Name	
Attorney Docket Number	MS1-5831S

## U.S. PATENT DOCUMENTS

[illegible]

Technology Center 2100

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**



Please type a plus sign (+) inside this box → ☐

Substitute for form 1449B/PTO		<b>Complete if Known</b>	
		Application Number	09/599,813
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	Jun 21, 2000
		First Named Inventor	Ardeleanu
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	MS1-583US
Sheet	3	of	3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		STEVEN A. BATTLE, et al., "Flexible Information Presentation with XML", 1998, The Institution of Electrical Engineers, 6 pages.	
		PAOLO CIANCARINI, et al., "Managing Complex Documents Over the WWW: A Case Study for XML", IEEE Transactions on Knowledge and Data Engineering, Vol. 11, No. 4, July/August 1999, pages 629-638.	
		HIROTAKE KANEMOTO, et al., "An Efficiently Updatable Index Scheme for Structured Documents", 1998 IEEE, pages 991-996.	
		TOMMIE USDIN, et al., "XML: Not a Silver Bullet, But a Great Pipe Wrench", Standardview Vol. 6, No. 3, September 1998, pages 125-132.	
		SUPOJ SUTANTHAVIBUL, et al., "XFIG Version 3.2 Patchlevel 2(July 2, 1998) Users Manual (Edition 1.0)", INTERNET DOCUMENT, [Online] 2 July 1998, XP002229137 Retrieved from the Internet: <URL:http://www.ice.mtu.edu/online_docs/xfig332/> [retrieved on 2003-01-28]	
		"Architecture for a Dynamic Information Area Control", IBM Technical Disclosure Bulletin, IBM Corp. New York, US, Vol. 37, No. 10, 1/10/1994, pp. 245-246.	
		IRENE AU & SHUANG LI, "Netscape Communicator's Collapsible Toolbars," CHI '98, Human Factors in Computing Systems, Conference Proceedings, Los Angeles, CA, 4/18-23/1998, pp. 81-86.	
		NETSCAPE COMMUNICATION CORPORATION: "Netscape Communicator 4.61 for OS/2 Warp" Software, 1999, The whole software release & "Netscape - Version 4.61 [en] - 010615" NETSCAPE SCREENSHOT, 2 October 2002 (2002-10-02)	
		"Netscape window" NETSCAPE SCREENSHOT, 2 October 2002 (2002-10-02)	
		JAN-HENRICK HAUKELAND: "Tsbiff - tildeslash biff - - version 1.2.1" INTERNET DOCUMENT, [Online] June 1999, URL:http://web.archive.org/web/19990912001527/http://www.tildeslash.com/tsbiff/	

RECEIVED

MAY 08 2003

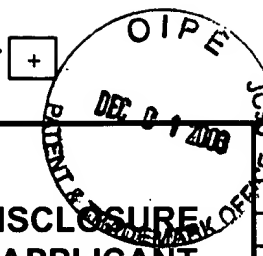
Examiner Signature	Date Considered	Technology Center 2100
--------------------	-----------------	------------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box →



Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	09/599,813
Filing Date	Jun 21, 2000
First Named Inventor	Ardeleanu
Group Art Unit	2178
Examiner Name	HERNDON, HEATHER R
Attorney Docket Number	MS1-583US

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
[Signature]		6,052,710		Saliba et al.	04/18/2000	RECEIVED DEC 04 2003 Technology Center 2100
		6,611,822		Beams et al.	08/26/2003	
		6,347,323		Garber et al.	02/12/2002	
		6,308,179		Petersen et al.	10/23/2001	
		6,460,058		Koppolu et al.	10/01/2002	
		6,606,606		Starr	08/12/2003	
		5,742,504		Meyer et al.	04/21/1998	
		6,611,840		Baer et al.	08/26/2003	
		5,436,637		Gavraud et al.	07/25/1995	
		6,505,230		Mohan et al.	01/07/2003	
		6,357,038		Scouten	03/12/2002	
		6,054,987		Richardson	04/25/2000	
		5,798,757		Smith	08/25/1998	
		5,602,996		Powers, III et al.	02/11/1997	
		5,195,183		Miller et al.	03/16/1993	
		5,950,010		Hesse et al.	09/07/1999	
		5,721,824		Taylor	02/24/1998	
		6,615,276		Mastrianni et al.	09/02/2003	
		6,219,698		Iannucci et al.	04/17/2001	
		4,641,274		Swank	02/03/1987	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
[Signature]			0961197		EP	12/10/1998		

Examiner Signature

[Signature]

Date Considered

1/28/04

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

DEC 15 2003

Sheet 1 of 3

<b>Application Number</b>	09/599,813
<b>Filing Date</b>	Jun 21, 2000
<b>First Named Inventor</b>	Ardeleanu
<b>Group Art Unit</b>	2178
<b>Examiner Name</b>	HERNDON, HEATHER R.
<b>Attorney Docket Number</b>	MS1-583US

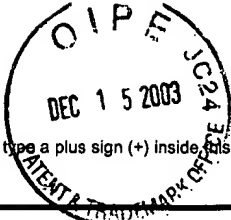
[illegible][illegible]

1/28/04

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐



Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/599,813
				Filing Date	Jun 21, 2000
				First Named Inventor	Ardeleanu
				Group Art Unit	2178
				Examiner Name	HERNDON, HEATHER R.
				Attorney Docket Number	MS1-583US
Sheet	2	of	3		

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		RICHARD SCOTT HALL, "Agent-based Software Configuration and Deployment," Thesis of University of Colorado, Online, 31 December 1999, retrieved from the Internet on 11/07/2003: < <a href="http://www.cs.colorado.edu/users/rickhall/documents/ThesisFinal.pdf">http://www.cs.colorado.edu/users/rickhall/documents/ThesisFinal.pdf</a> >, 169 pages.
		ARTHUR VAN HOFF et al., "The Open Software Description Format," Online, 13 August 1997, retrieved from the Internet on 11/7/2003: < <a href="http://www.w3.org/TR/NOTE-OSD">http://www.w3.org/TR/NOTE-OSD</a> >, 11 pages.
		NETSCAPE COMMUNICATIONS CORP., "SmartUpdate Developer's Guide," Online, 11 March 1999, retrieved from the Internet on 12/08/2000: < <a href="http://developer.netscape.com:80/docs/manuals/communicator/jarman/index.htm">http://developer.netscape.com:80/docs/manuals/communicator/jarman/index.htm</a> >, 83 pages.
		LINNEA DAYTON and JACK DAVIS, "Photo Shop 5/5.5 WOW! Book," 2000, Peachpit Press, pp. 8-17.
		VARLAMIS et al., "Bridging XML-Schema and relational databases. A system for generating and manipulating relational databases using valid XML documents," DocEng '01, Nov. 9-10, 2001, Copyright 2001, ACM 1-58113-432-0/01/0011, pages 105-114.
		HARDY et al., "Mapping and Displaying Structural Transformations between XML and PDF," DocEng '02, Nov. 8-9, 2002, Copyright 2002, ACM 1-58113-594-7/02/0011, pages 95-102.
		KIM et al., "Immediate and Partial Validation Mechanism for the Conflict Resolution of Update Operations in XML Databases," WAIM 2002, LNCS 2419, 2002, pages 387-396, Springer-Verlag Berlin Heidelberg 2002.
		CHUANG, T., "Generic Validation of Structural Content with Parametric Modules," ICFP '01, Sept. 3-5, 2001, Copyright 2001, ACM 1-58113-415-0/01/0009, pages 98-109.
		CHEN et al., "Designing Valid XML Views," ER 2002, LNCS 2503, 2002, Springer-Verlag Berlin Heidelberg 2002, pages 463-477.
		CHEN et al., "XKvalidator: A Constraint Validator for XML," CIKM '02, Nov. 4-9, 2002, Copyright 2002, ACM 1-58113-492-4/02/0011, pages 446-452.
		ROGGE et al., "Validating MPEG-21 Encapsulated Functional Metadata," IEEE 2002, pages 209-212.

**RECEIVED**  
DEC 18 2003  
Technology Center 2100

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

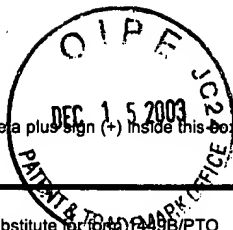
<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





Please type a plus sign (+) inside this box →



**RECEIVED**

Substitution for Form 1495/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<i>Complete if Known</i>		
				Application Number	09/599,813	
Sheet		3	of	3	Filing Date	Jun 21, 2000
					First Named Inventor	Ardeleanu
					Group Art Unit	2178
					Examiner Name	HERNDON, HEATHER R.
					Attorney Docket Number	MS1-583US

DEC 18 2003

Technology Center 2100

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		NELSON, "Validation with MSXML and XML Schema," Windows Developer Magazine, Jan. 2002, pages 35-38.	
		CHIEN et al., "XML Document Versioning," SIGMOD Record, Vol. 30, No. 3, Sept. 2001, pages 46-53.	
		WONG et al., "Managing and Querying Multi-Version XML Data with Update Logging," DocEng '02, Nov. 8-9, 2002, Copyright 2002, ACM 1-58113-594-7/02/0011, pages 74-81.	
		CHIEN et al., "Efficient schemes for managing multiversionXML documents", VLDB Journal (2002), pages 332-353.	
		CHIEN et al., "Efficient Management of Multiversion Documents by Object Referencing," Proceedings of the 27th VLDB Conference, 2001, pages 291-300.	
		CHIEN et al., "Storing and Querying Multiversion XML Documents using Durable Node Numbers," IEEE 2002, pages 232-241.	
		DYCK, T., "XML Spy Tops as XML Editor," <a href="http://www.eweek.com/article2/0,3959,724041,00.asp">http://www.eweek.com/article2/0,3959,724041,00.asp</a> , Nov. 25, 2002, 4 pages.	
		SARA WILLIAMS and CHARLIE KINDEL, "The Component Object Model: A Technical Overview," October 1994, Microsoft Corp., pp. 1-14.	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.